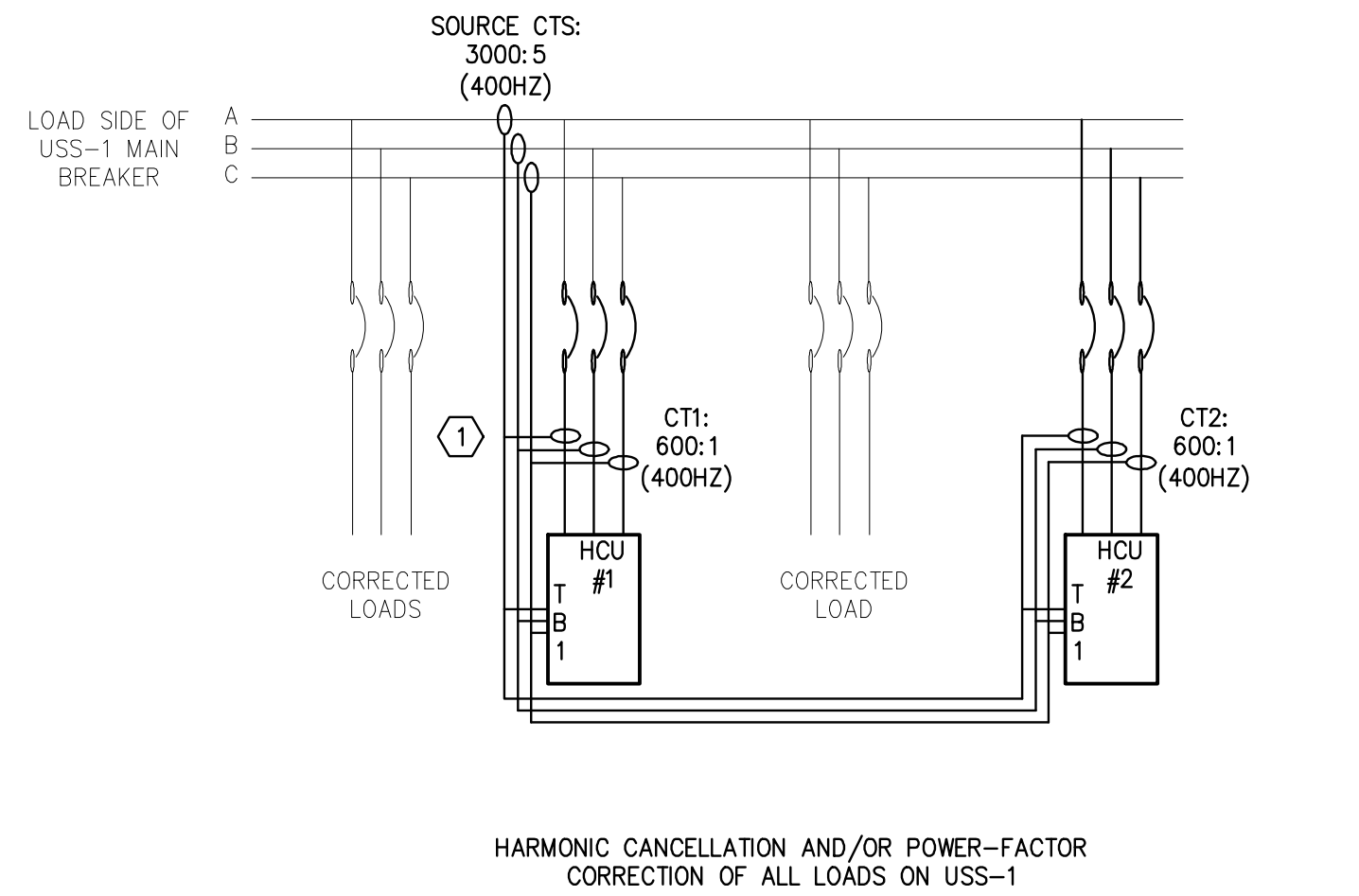


three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
one half inch = one foot  
three quarters inch = one foot  
one inch = one foot  
one and one half inches = one foot  
two inches = one foot  
three inches = one foot  
four inches = one foot  
five inches = one foot  
six inches = one foot  
seven inches = one foot  
eight inches = one foot  
nine inches = one foot  
ten inches = one foot  
eleven inches = one foot  
twelve inches = one foot  
thirteen inches = one foot  
fourteen inches = one foot  
fifteen inches = one foot  
sixteen inches = one foot  
seventeen inches = one foot  
eighteen inches = one foot  
nineteen inches = one foot  
twenty inches = one foot  
twenty one inches = one foot  
twenty two inches = one foot  
twenty three inches = one foot  
twenty four inches = one foot  
twenty five inches = one foot  
twenty six inches = one foot  
twenty seven inches = one foot  
twenty eight inches = one foot  
twenty nine inches = one foot  
thirty inches = one foot  
thirty one inches = one foot  
thirty two inches = one foot  
thirty three inches = one foot  
thirty four inches = one foot  
thirty five inches = one foot  
thirty six inches = one foot  
thirty seven inches = one foot  
thirty eight inches = one foot  
thirty nine inches = one foot  
forty inches = one foot  
forty one inches = one foot  
forty two inches = one foot  
forty three inches = one foot  
forty four inches = one foot  
forty five inches = one foot  
forty six inches = one foot  
forty seven inches = one foot  
forty eight inches = one foot  
forty nine inches = one foot  
fifty inches = one foot  
fifty one inches = one foot  
fifty two inches = one foot  
fifty three inches = one foot  
fifty four inches = one foot  
fifty five inches = one foot  
fifty six inches = one foot  
fifty seven inches = one foot  
fifty eight inches = one foot  
fifty nine inches = one foot  
sixty inches = one foot  
sixty one inches = one foot  
sixty two inches = one foot  
sixty three inches = one foot  
sixty four inches = one foot  
sixty five inches = one foot  
sixty six inches = one foot  
sixty seven inches = one foot  
sixty eight inches = one foot  
sixty nine inches = one foot  
seventy inches = one foot  
seventy one inches = one foot  
seventy two inches = one foot  
seventy three inches = one foot  
seventy four inches = one foot  
seventy five inches = one foot  
seventy six inches = one foot  
seventy seven inches = one foot  
seventy eight inches = one foot  
seventy nine inches = one foot  
eighty inches = one foot  
eighty one inches = one foot  
eighty two inches = one foot  
eighty three inches = one foot  
eighty four inches = one foot  
eighty five inches = one foot  
eighty six inches = one foot  
eighty seven inches = one foot  
eighty eight inches = one foot  
eighty nine inches = one foot  
ninety inches = one foot  
ninety one inches = one foot  
ninety two inches = one foot  
ninety three inches = one foot  
ninety four inches = one foot  
ninety five inches = one foot  
ninety six inches = one foot  
ninety seven inches = one foot  
ninety eight inches = one foot  
ninety nine inches = one foot  
one hundred inches = one foot

ABBREVIATIONS	
NOTE: NOT ALL ABBREVIATIONS MAY BE USED.	
(A)	EXISTING TO BE ABANDONED
(D)	EXISTING TO BE DEMOLISHED
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
A	AMPERE
AC	ALTERNATING CURRENT OR AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
ANNC	ANNUNCIATOR
AWG	AMERICAN WIRE GAUGE
BPS	BOLTED PRESSURE SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CM	CONSTRUCTION MANAGER
DC	DIRECT CURRENT
DP	DISTRIBUTION PANELBOARD
DTT	DOUBLE TWN TUBE
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METAL TUBING
EW	ELECTRIC WATER COOLER
FA	FIRE ALARM
FLA	FULL LOAD AMPS
G	GROUND
GC	GENERAL TRADES CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
HCU	HARMONIC CORRECTION UNIT
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPC	HIGH PRESSURE CONTACT SWITCH
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCD	INCANDESCENT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTC	LIGHTING OR LIGHT
LRA	LOCKED ROTOR AMPS
MCA	MAXIMUM CURRENT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MOCP	MINIMUM OVERCURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MH	METAL HALIDE
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NF	NON-FUSED
OCC	OCCUPANCY
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSH BUTTON
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
PWR	POWER
RECP	RECEPTACLE
STP	SHIELDED, TWISTED PAIR
TC	TIME CLOCK
TRT	TRIPLE TUBE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLT
W	WATT
WAP	WIRELESS ACCESS POINT
WH	WATHOUR
WP	WEATHERPROOF, NEMA 3R UNLESS NOTED OTHERWISE
XFMR	TRANSFORMER
Z	IMPEDANCE
#	PHASE

POWER SYMBOLS	
NOTE: NOT ALL SYMBOLS MAY BE USED.	
	20A DUPLEX RECEPTACLE WITH COVER PLATE: X=TYPE, Y=NON-STANDARD MOUNTING HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT WITH COVER PLATE: X=TYPE, Y=NON-STANDARD MTG HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)
	FLOOR OR CEILING MOUNTED DUPLEX RECEPTACLE: F=FLOOR, C=CEILING
	DUPLEX RECEPTACLE: ABOVE COUNTER (48" AFF TYPICAL)
	DOUBLE-DUPLEX RECEPTACLE WITH SINGLE COVER PLATE
	SIMPLEX RECEPTACLE WITH COVER PLATE
	WEATHER RESISTANT DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTING WITH IN-USE COVER
	WALL MOUNTED SPECIAL RECEPTACLE: REFER TO PLANS FOR ADDITIONAL INFORMATION
	FLOOR OR CEILING MOUNTED SPECIAL RECEPTACLE: F=FLOOR, C=CEILING REFER TO PLANS FOR ADDITIONAL INFORMATION
	SURFACE MOUNTED RACEWAY
	STANDARD DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=NUMBER OF POLES
	STANDARD FUSED DISCONNECT SWITCH: X=DISCONNECT SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
	MOTOR STARTER: X=STARTER SIZE, Y=NUMBER OF POLES
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
	MOTOR (BY OTHERS): PROVIDE POWER AS INDICATED
	UTILITY METER
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER
	JUNCTION BOX
	TRANSFORMER
	HANDHOLE/POLE BOX: SEE DETAILS FOR ADDITIONAL INFORMATION
	CONTROL PANEL
	SURGE PROTECTIVE DEVICE
	PANELBOARD
	AUTOMATIC TRANSFER SWITCH
	VARIABLE FREQUENCY DRIVE
	PUSH BUTTON
	POWER POLE
	CORD REEL
	GROUND ROD
	POKE THROUGH SERVICE FITTING: X=TYPE

LINETYPE LEGEND	
	EXISTING
	DEMOLITION
	NEW WORK



1 DIAGRAM - HCU INSTALLATION  
SCALE: NTS

